Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139455.D
Acq On : 19 Sep 2024 10:36
Operator : RC/JU
Sample : PB163454BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 19 11:38:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB163454BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	79295	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	290626	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	158119	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	290000	20.000	ng		0.00
76) Chrysene-d12	14.039	240	154154	20.000	ng		0.00
86) Perylene-d12	15.504	264	152828	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	574020	118.094	ng		0.02
7) Phenol-d6	6.516	99	744773	116.735	ng		0.01
23) Nitrobenzene-d5	7.446	82	506519	81.934	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	199040	118.239	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	927367	82.258	ng		0.00
79) Terphenyl-d14	12.980	244	878725	93.564	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	69242	35.506	ng		97
3) Pyridine	3.522	79	182353	42.412	ng		98
4) n-Nitrosodimethylamine	3.481	42	145971	39.169	ng		89
6) Aniline	6.540	93	217209	45.113	ng	#	75
8) 2-Chlorophenol	6.663	128	216327	43.235	ng		99
9) Benzaldehyde	6.428	77	44990	12.205	ng		98
10) Phenol	6.528	94	281428	43.310	ng		94
11) bis(2-Chloroethyl)ether	6.616	93	207666	42.048	ng		99
12) 1,3-Dichlorobenzene	6.822	146	232920	40.933	ng		99
13) 1,4-Dichlorobenzene	6.898	146	234710	40.817	ng		98
14) 1,2-Dichlorobenzene	7.046	146	223891	41.205	ng		99
15) Benzyl Alcohol	7.022	79	215952	42.426	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	377179	49.555	ng		98
17) 2-Methylphenol	7.134	107	173342	43.605	ng		99
18) Hexachloroethane	7.393	117	89469	40.849	ng		98
19) n-Nitroso-di-n-propyla...	7.293	70	168441	44.553	ng		100
20) 3+4-Methylphenols	7.287	107	225973	41.665	ng	#	89
22) Acetophenone	7.287	105	312687	41.155	ng		98
24) Nitrobenzene	7.463	77	255216	40.112	ng		98
25) Isophorone	7.698	82	446146	45.632	ng		99
26) 2-Nitrophenol	7.775	139	113430	45.759	ng		97
27) 2,4-Dimethylphenol	7.816	122	178849	54.697	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	252450	45.306	ng		98
29) 2,4-Dichlorophenol	8.016	162	179852	43.297	ng		97
30) 1,2,4-Trichlorobenzene	8.104	180	197697	40.846	ng		98
31) Naphthalene	8.187	128	651501	42.940	ng		100
32) Benzoic acid	7.934	122	117111	38.272	ng		95
33) 4-Chloroaniline	8.228	127	137285	29.577	ng		99
34) Hexachlorobutadiene	8.298	225	132398	40.264	ng		100
35) Caprolactam	8.604	113	56073m	43.883	ng		
36) 4-Chloro-3-methylphenol	8.716	107	203701	42.908	ng		95
37) 2-Methylnaphthalene	8.875	142	419623	43.573	ng		99
38) 1-Methylnaphthalene	8.975	142	389291	41.174	ng		100
40) 1,2,4,5-Tetrachloroben...	9.040	216	202281	43.166	ng		98
41) Hexachlorocyclopentadiene	9.028	237	253946	155.204	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	141419	46.385	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	140596	43.718	ng	99
46) 1,1'-Biphenyl	9.339	154	522506	42.953	ng	99
47) 2-Chloronaphthalene	9.363	162	387139	42.564	ng	100
48) 2-Nitroaniline	9.457	65	149350	44.147	ng	98
49) Acenaphthylene	9.781	152	642256	46.910	ng	99
50) Dimethylphthalate	9.639	163	459991	44.323	ng	100
51) 2,6-Dinitrotoluene	9.698	165	101524	44.159	ng	98
52) Acenaphthene	9.951	154	463689	48.526	ng	100
53) 3-Nitroaniline	9.869	138	68226	29.694	ng	94
54) 2,4-Dinitrophenol	9.975	184	117921	92.048	ng	92
55) Dibenzofuran	10.122	168	587480	44.110	ng	96
56) 4-Nitrophenol	10.034	139	159612	83.954	ng	85
57) 2,4-Dinitrotoluene	10.104	165	137283	44.229	ng	99
58) Fluorene	10.463	166	465773	42.862	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	120249	45.201	ng	97
60) Diethylphthalate	10.339	149	472351	44.105	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	224599	42.528	ng	96
62) 4-Nitroaniline	10.486	138	100246	39.977	ng	92
63) Azobenzene	10.616	77	463342	43.987	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	74058	48.386	ng	96
66) n-Nitrosodiphenylamine	10.575	169	390473	46.054	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	130336	45.353	ng	99
68) Hexachlorobenzene	11.010	284	146816	43.529	ng	99
69) Atrazine	11.098	200	127971	63.399	ng	98
70) Pentachlorophenol	11.204	266	167893	82.959	ng	99
71) Phenanthrene	11.428	178	626410	44.771	ng	99
72) Anthracene	11.481	178	643635	47.051	ng	100
73) Carbazole	11.633	167	571464	43.647	ng	99
74) Di-n-butylphthalate	11.957	149	683395	46.856	ng	100
75) Fluoranthene	12.610	202	639392	42.793	ng	99
77) Benzidine	12.733	184	147180	66.640	ng	99
78) Pyrene	12.839	202	635983	48.049	ng	99
80) Butylbenzylphthalate	13.457	149	220692	48.985	ng	98
81) Benzo(a)anthracene	14.027	228	474349	46.454	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	103882	34.739	ng	97
83) Chrysene	14.063	228	431216	45.902	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	284150	49.578	ng	99
85) Di-n-octyl phthalate	14.627	149	432012	51.182	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	442008	48.639	ng	98
88) Benzo(b)fluoranthene	15.074	252	426495	45.249	ng	99
89) Benzo(k)fluoranthene	15.110	252	383003	44.071	ng	100
90) Benzo(a)pyrene	15.445	252	385363	49.298	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	358417	47.730	ng	99
92) Benzo(g,h,i)perylene	17.433	276	329024	44.252	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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